

Title (en)

Process for producing alkyl 4-(alkoxy methyl phosphinoyl)butyrates and alkyl-(2-amino-4-(alkoxy methyl phosphinoyl)) butyrates.

Title (de)

Verfahren zur Herstellung von Alkyl-4-(alkoxy methyl phosphinoyl)butyraten und Alkyl-(2-amino-4-(alkoxy methyl phosphinoyl)) butyraten.

Title (fr)

Procédé de préparation de 4-(alkoxy méthyl phosphinoyl)butyrates et de alkyl-(2-amino-4-(alkoxy méthyl phosphinoyl)) butyrates.

Publication

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Application

EP 79900528 A 19791217

Priority

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Abstract (en)

[origin: WO7901114A1] Dialkyl 4-methylphosphinobutyrate represented by the following general formula; (FORMULA) (wherein R1 represents hydrogen atom or acylamino group, and R2 and R5 each represents C1-C5 alkyl group) are intermediates for D,L-2-amino-4-methylphosphinobutyric acid useful as a herbicide, and are prepared by reacting a corresponding vinylacetic acid ester with methylphosphorous acid monoalkyl ester at 100-200 C in the presence of a radical-generating agent or under irradiation with ultraviolet rays.

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IPC 8 full level

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Cited by

EP1968989A4; EP0085391A1; US5075485A; EP0382113A1; US5756346A; US5756800A; US5879930A; EP0546566A1; US5420329A; AU662779B2; EP0350630A1; EP0265412A3; US4764620A; US9255115B2

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